

ONLINE EYE CARE SYSTEM

A MINI PROJECT REPORT

Submitted by

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in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

KGiSL INSTITUTE OF TECHNOLOGY, SARAVANAMPATTI

ANNA UNIVERSITY :: CHENNAI 600 025

JUNE 2022

ANNA UNIVERSITY : CHENNAI 600 025

BONAFIDE CERTIFICATE

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ACKNOWLEDGEMENT

We wish to express our deep sense of gratitude to our beloved Chairman, **PadmaShri Dr.BAKTHAVATHSALAM G**, KGiSL Educational Institutions, for having provided the facilities during the course of our study in the college.

We express our heartfelt gratitude to our venerated Managing Director, **Dr.ASHOK BAKTHAVATHSALAM**, KGiSL Educational Institutions, who gave the opportunity to frame the project to the full satisfaction.

We are very grateful to **Mr. ARAVIND KUMAR R**, CEO, **Dr.SELVAM M, M.E., Ph.D.**, Principal and **Dr.SURESH KUMAR S, M.E., Ph.D.**, Vice Principal for their valuable guidance and blessings.

We would like to thank **Dr. RAMKUMAR R P, Ph.D.**, Head of the Department, Department of Computer Science and Engineering for his unwavering support during the entire course of our project work and who modelled us both technically and morally for achieving greater success in this project work.

We express our sincere thanks to our faculty guide **Ms.SUGANTHI A,M.E.**, Assistant Professor, Department of Computer Science and Engineering for their constant encouragement and support throughout our project work.

We also thank all the faculty members of our department for their help in making this project a successful one.

Finally, we take this opportunity to extend our deep appreciation to our family and friends, for all they meant to us during the crucial times of the completion of our project.

ABSTRACT

Online Eye Care System is a special website which makes you aware of your eye problems by making you take test in various sight tests like Visual Acuity Test, Color Variation Test, Contrast Vision Test, Amsler Grid Test, E & C Tests.

This eye check-up application can detect your Eye problems by asking few questions like doctors. Initially users have to register or login to this application. the user can answer the fun question. User answer the question the site will given suggestion about problem.

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LIST OF ABBREVIATIONS

E&C	Eye Chart
PHP	Hypertext Pre-Processor
SQL	Structured Query Language

CHAPTER I

INTRODUCTION

CHAPTER 1

INTRODUCTION

Now a Days with the development technologies in the areas of web app development that we use in our daily life. This paper proposes an eye care system that makes use of the basic tests and detection for performing basic visual test in the computer using computer vision. This eye check-up application can detect your eye problems by asking few questions like doctors. Initially users have to register or login to this application. the user can answer the fun question. User answer the question the site will given suggestion about problem.

Each patient registered at the hospital will be assigned a unique file which will consist of data from all their visits to the hospital. The doctor who conducts the assessment will save all eye power related information and prescriptions on the system. This will make the whole process transparent for the user, as they will be able to view the history of their eye problems in one location.

The user can also schedule appointments with their optometrist using this system and will receive information about confirmed bookings.

1.1 OBJECTIVE OF THE PROJECT

- The purpose of on the “The Eye Test” is to offer a process where the customer will feel simple to give an eye checkup.
- An Eye Defect Detection is a special website which makes you aware of your eye problems by making you take test in various sight tests like Visual Acuity Test, Color Variation Test, Contrast Vision Test and Amsler Grid Test.

- This eye check-up application can detect your Eye problems by asking few questions like doctors.
- Initially users have to register or login to this application. The user can answer the fun question. User answer the question the site will give suggestion about problem.

CHAPTER II

LITERATURE REVIEW

CHAPTER 2

LITERATURE REVIEW

Many previous studies on visual test has become a complex task especially for IT professionals and busy persons. Uncorrected refractive error is a major cause of vision impairment, and is indexed by visual acuity. Availability of vision assessment is limited in low/middle-income countries and in minority groups in high income countries. eHealth tools offer a solution; two-thirds of the globe own mobile devices. This is a scoping review of the number and quality of tools for self-testing visual acuity.

Even though this combo along with out-sourcing services make a better efficient system, few gaps for technical and human error still remains. This online facility is an effective add-on to any hospital or clinic's website. It lightens the hard work associated with managing a medical facility. More time on hand to commit to patient care, better patient compliance and fiscal viability are other rewards. There is a need for regulation of tools for the self-testing of visual acuity to reduce potential risk or confusion to users.

CHAPTER III

SYSTEM ANALYSIS

CHAPTER 3

SYSTEM ANALYSIS

An eye care system has to be specifically adapted for each user. This system was implemented only for vision tests in virtual environment. This system is used to do various sight tests like Visual Acuity Test, Color Variation Test, Contrast Vision Test, Amsler Grid Test, E & C Tests.

3.1 EXISTING SYSTEM

The existing system is customer go to the clinic and checking eye, doctor's provides suggestion directly. it's all manual process. In a web based application is more difficult to update the suggestion frequently.

It takes more time to complete the process. Even though there are many web based application are available it's all maintain hospital and blood bank based information.

3.1.1 DRAWBACKS

- Lack of security of data.
- Time consuming.
- Consumes large volume of paper work.

3.2 PROPOSED SYSTEM

For an efficient eye test system, a three tier organization structure has been recommended. The main objective of this project is to bring a full-fledged web based eye test systems. visual activity test are maintained in the database so it makes the task easier. provide suggestion easily.

The new system is reliable, flexible and accurate with much integrity constraints. The forms are designed clearly and each entry is recorded in a table.

This system enhances the accuracy based on the users need. Fast, clear and legible reports can be generated without any ambiguity. Integrated database design and maintenance can be done easily.

3.2.1 FEATURES

- This system is user friendly which is running on Web environment.
- Provides visual activity.
- Large database capacity.
- Information can be retrieved very faster.
- Records are reliable and accurate.

CHAPTER IV

SYSTEM SPECIFICATION

CHAPTER 4

SYSTEM SPECIFICATION

To be used efficiently, all computer software needs certain hardware components or other software resources to be present on a computer. These pre-requisites are known as (computer) system requirements and are often used as a guideline as opposed to an absolute rule. Most software defines two sets of system requirements: minimum and recommended. With increasing demand for higher processing power and resources in newer versions of software, system requirements tend to increase over time. Industry analysts suggest that this trend plays a bigger part in driving upgrades to existing computer systems than technological advancements.

4.1 HARDWARE CONFIGURATION

- SYSTEM : Pentium IV 2.4 GHz
- HARD DISK : 40 GB
- MONITOR : 15 VGA colour
- MOUSE : Logitech.
- RAM : 256 MB
- KEYBOARD : 110 keys enhanced.

4.2 SOFTWARE SPECIFICATION

- OPERATING SYSTEM :- Windows XP Professional
- FRONT END :- PHP
- BACK END :- My sql

CHAPTER V

SYSTEM DESIGN

CHAPTER 5

SYSTEM DESIGN

5.1 FILE DESIGN

The Basic File design with html and it designed and connect with mysql. MySQL is a Relational Database Management System (RDBMS) that uses Structured Query Language (SQL). It is also free and open source. The combination of PHP and MySQL gives unmet options to create just about any kind of website – from a small contact form to large corporate portal.

5.2 INPUT DESIGN

Input design is the process of converting user-originated inputs to a computer-based format. Input design is one of the most expensive phases of the operation of computerized system and is often the major problem of a system. Input design is a part of overall design, which requires careful attribute. Inaccurate input data are the most common cause of errors in data processing. The goal of designing input data is to make data entry as easy, logical and free from errors. In the system design phase input data are collected and organized in to groups of similar data.

The input forms in this project are,

1. User registration
2. View Activity

5.3 OUTPUT DESIGN

Output design generally refers to the results and information that are generated by the system for many end-users; output is the main reason for

developing the system and the basis on which they evaluate the usefulness of the application. Computer output is the most important and direct source of information to the user. Output design is very important phase because the output will be in an interactive manner. The output will be in such a way that the user can see it from the screen and can take a hard copy from the printer. Efficient, Major form of the output is a hard copy from the printer.

Output Forms Are,

- Test
- Suggesting results

5.4 A DATABASE DESIGN

The database design is a must for any application developed especially more for the data store projects. Since the chatting method involves storing the message in the table and produced to the administrator, proper handling of the table is a must.

In the project, login table is designed to be unique in accepting the username and the length of the username and password should be greater than zero.

In this database design the admin details and the user details are stored in the database. The different users view the data in different format according to the privileges given.

The complete listing of the tables and their fields are provided in the annexure under the title ‘Table Structure’.

5.4.1 TABLE STRUCTURE

Field	Type
id	int(10)
user_name	varchar(30)
color1	int(10)
color2	int(11)

Table 5.4.1.1 Table Structure1

Field	Type
user_id	int(11)
user_name	varchar(50)
user_age	int(10)
user_address	varchar(50)
mail_id	varchar(50)
user_phoneno	int(10)
status	int(11)
deleted	int(11)

Table 5.4.1.2 Table Structure2

CHAPTER VI

SYSTEM DEVELOPMENT

CHAPTER 6

SYSTEM DEVELOPMENT

6.1 INTRODUCTION

A Systems Development Life Cycle (SDLC) adheres to important phases that are essential for developers, such as planning, analysis, design, and implementation, and are explained in the section below. A number of system development life cycle (SDLC) models have been created: waterfall, fountain, spiral, build and fix, rapid prototyping, incremental, and synchronize and stabilize. The oldest of these, and the best known, is the waterfall model: a sequence of stages in which the output of each stage becomes the input for the next.

The waterfall model is a popular version of the systems development life cycle model for software engineering. Often considered the classic approach to the systems development life cycle, the waterfall model describes a development method that is linear and sequential. Waterfall development has distinct goals for each phase of development. Imagine a waterfall on the cliff of a steep mountain. Once the water has flowed over the edge of the cliff and has begun its journey down the side of the mountain, it cannot turn back. It is the same with waterfall development. Once a phase of development is completed, the development proceeds to the next phase and there is no turning back.

The advantage of waterfall development is that it allows for departmentalization and managerial control. A schedule can be set with deadlines for each stage of development and a product can proceed through the development process like a car in a carwash, and theoretically, be delivered on time. Development moves from concept, through design, implementation,

testing, installation, troubleshooting, and ends up at operation and maintenance. Each phase of development proceeds in strict order, without any overlapping.

6.2 MODULE DESCRIPTION

6.2.1 USER REGISTRATION:-

Existing user can login by using their username and password. A new user has to do the registration process to access the application in online. User can view the test menu which is posted by the admin. The registration process includes username, password, address, phone etc.

6.2.2 VIEW ACTIVITY:-

With the help of this system user can view the available test details which includes visual activity test, color variation test, contrast sensitivity, amsler's grid test, and Myopia test. These activities are updated to test the user's eye sight variation.

6.2.3 TEST:-

The registered user can participate the tests in online. These test are conducted by level based, if one test is completed another will carried automatically to the users site within a fraction of seconds

6.2.4 SUGGESTING RESULTS:-

Results are provided to the user for the users at their fingertip click in. These are all generated based on their performance in the entire tests that we mentioned earlier in the activity module. Result statement includes the eye problems of the user such as long sight, short sight etc.,

6.2.5 FORUM:-

It provides interactivity between the user and the admin. If a user needs to have a clarification about the suggested result; He/she can send a query to the admin regarding the result provided by this site or their eye issues.

CHAPTER VII

SYSTEM TESTING

CHAPTER 7

SYSTEM TESTING

System Testing is a level of the software testing where complete and integrated software is tested. The purpose of this test is to evaluate the system's compliance with the specified requirements.

7.1 TESTING METHODS

The most important phase in system development life cycle is system testing. The number and nature of errors in a newly designed system depends on the system specifications and the time frame given for the design.

A newly designed system should have all the subsystems working together, but in reality each subsystems work independently. During this phase, all the subsystems are gathered into one pool and tested to determine whether it meets the user requirements.

Testing is done at two level -Testing of individual modules and testing the entire system. During the system testing, the system is used experimentally to ensure that the software will run according to the specifications and in the way the user expects. Each test case is designed with the intent of finding errors in the way the system will process it.

Testing plays a very critical role in determining the reliability and efficiency of software and hence is a very important stage in software development. Software testing is done at different levels. They are the unit testing and system testing which comprises of integration testing and acceptance testing.

7.2 TYPES OF TESTING

7.2.1 UNIT TESTING

This is the first level of testing. The different modules are tested against the specifications produced during the integration. This is done to test the internal logic of each module. Those resulting from the interaction between modules are initially avoided. The input received and output generated is also tested to see whether it falls in the expected range of values. Unit testing is performed from the bottom up, starting with the smallest and lowest modules and proceeding one at a time.

The units in a system are the modules and routines that are assembled and integrated to perform a specific function. The programs are tested for correctness of logic applied and detection of errors in coding. Each of the modules was tested and errors are rectified. They were then found to function properly.

7.2.2 INTEGRATION TESTING

In integration testing, the tested modules are combined into sub-systems, which are then tested. The goal of integration testing to check whether the modules can be integrated properly emphasizing on the interfaces between modules. The different modules were linked together and integration testing done on them.

7.2.3 VALIDATION TESTING

The objective of the validation test is to tell the user about the validity and reliability of the system. It verifies whether the system operates as specified and the integrity of important data is maintained. User motivation is very important for the successful performance of the system.

All the modules were tested individually using both test data and live data. After each module was ascertained that it was working correctly and it had been

"integrated" with the system. Again the system was tested as a whole. We hold the system tested with different types of users. The System Design, Data Flow Diagrams, procedures etc. were well documented so that the system can be easily maintained and upgraded by any computer professional at a later

7.2.4 SYSTEM TESTING

The integration of each module in the system is checked during this level of testing. The objective of system testing is to check if the software meets its requirements. System testing is done to uncover errors that were not found in earlier tests. This includes forced system failures and validation of total system as the user in the operational environment implements it. Under this testing, low volumes of transactions are generally based on live data. This volume is increased until the maximum level for each transactions type is reached. The total system is also tested for recovery after various major failures to ensure that no data are lost during the breakdown.

CHAPTER VIII

SYSTEM IMPLEMENTATION

CHAPTER 8

SYSTEM IMPLEMENTATION

8.1 INTRODUCTION

The System Implementation is the process that actually yields the lowest-level system elements in the system hierarchy (system breakdown structure). The system elements are made, bought, or reused. Production involves the hardware fabrication processes of forming, removing, joining, and finishing; or the software realization processes of coding and testing; or the operational procedures development processes for operators' roles. If implementation involves a production process, a manufacturing system which uses the established technical and management processes may be required.

The purpose of the implementation process is to design and create (or fabricate) a system element conforming to that element's design properties and/or requirements. The element is constructed employing appropriate technologies and industry practices. This process bridges the system definition processes and the integration process.

System Implementation is the stage in the project where the theoretical design is turned into a working system. The most critical stage is achieving a successful system and in giving confidence on the new system for the user that it will work efficiently and effectively. The existing system was long time process.

The proposed system was developed using Visual Studio .php. The existing system caused more paperwork and consuming time but the system developed now has a very good user-friendly tool, which has a menu-based interface, graphical interface for the end user. After coding and testing, the project is to be hosting on the website is necessary. The file is to be created and loaded

in the website. Hosting the developed code in system in the form of executable file is implementation.

8.2 OPTOTYPES

The proposed system using a mixture of standard optotypes; these included Sloan Letters, original Snellen, tumbling E and Landolt C. Within these tools, five also offered non-standard optotypes and three included options for pictures or numbers. Tools provided alternative optotypes only; these included an assortment of serif and sans serif typefaces. One tool included numerical optotypes only.

8.3 DATAFLOW DIAGRAM

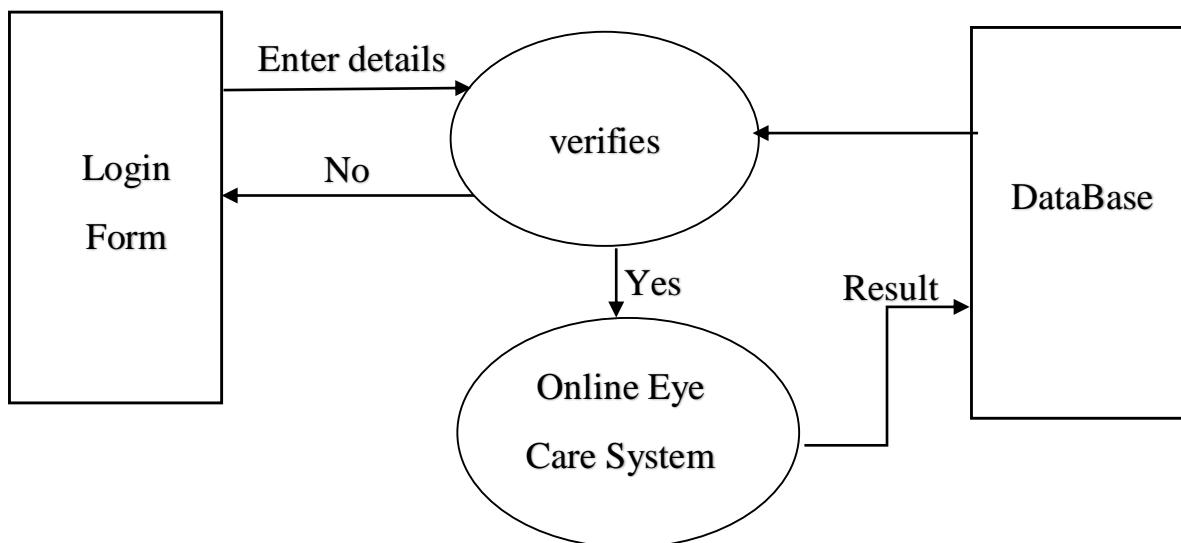


Fig 8.3.1 Level 0 DFD Diagram

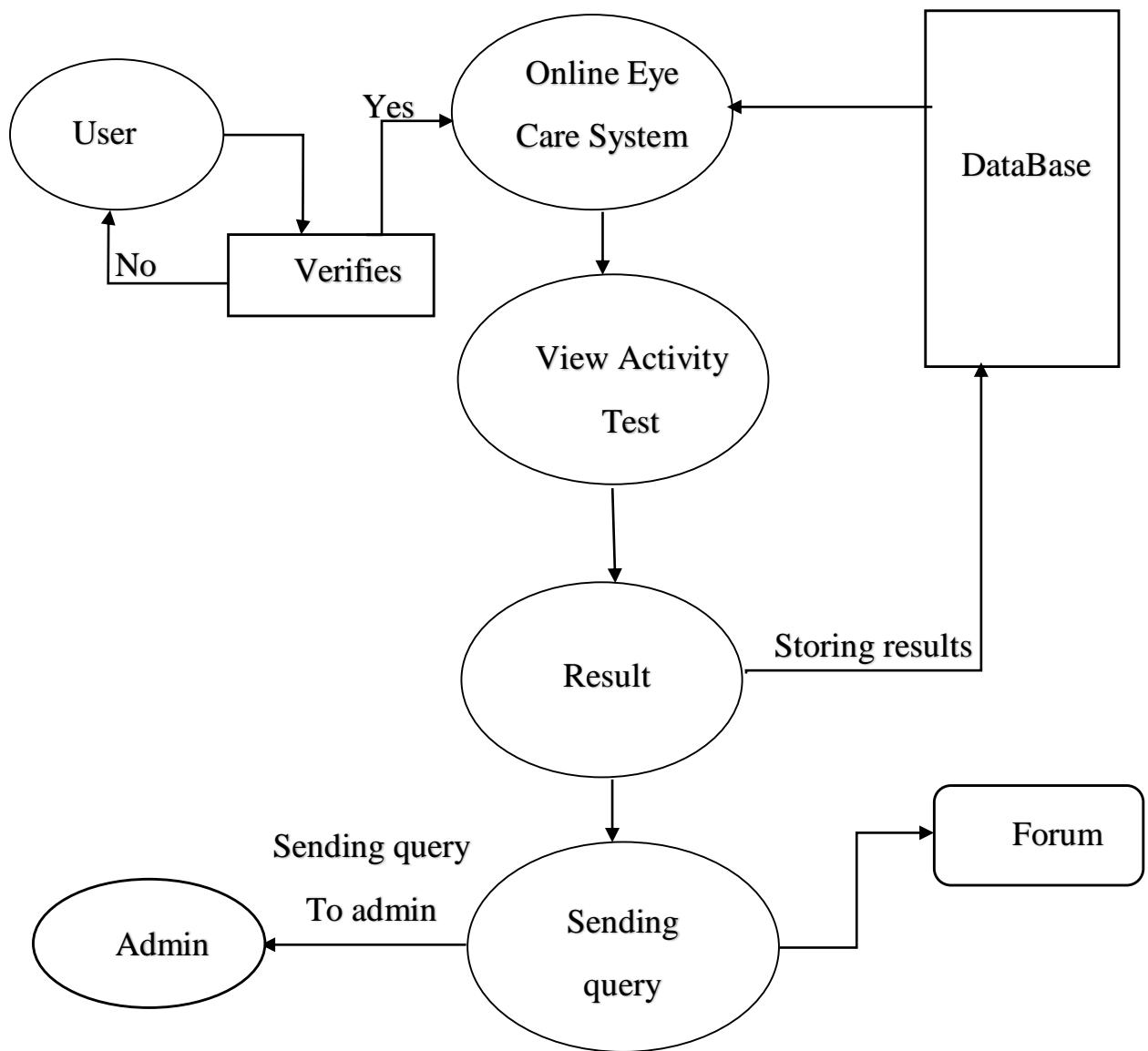


Fig 8.3.2 Level 1 DFD Diagram

CHAPTER IX

CONCLUSION &

FUTURE ENHANCEMENTS

CHAPTER 9

CONCLUSION & FUTURE ENHANCEMENTS

9.1 CONCLUSION

It is concluded that the web application works well and satisfy the end users. The application is tested very well and errors are properly debugged. The application is simultaneously accessed from more than one system. Simultaneous login from more than one place is tested.

This system is user friendly so everyone can use easily. Proper documentation is provided. The end user can easily understand how the whole system is implemented by going through the documentation. The system is tested, implemented and the performance is found to be satisfactory. All necessary output is generated. Thus, the project is completed successfully.

Further enhancements can be made to the application, so that the application functions very attractive and useful manner than the present one.

9.2 FUTURE ENHANCEMENT

There is scope for future development of this project. The world of computer fields is not static; it is always subject to be dynamic. The technology which is famous today becomes outdated the very next day. To keep abstract of technical improvements, the system may be further refined. So, it is not concluded. Yet it will improve with further enhancements.

Enhancements can be done in an efficient manner. We can even update the same with further modification establishment and can be integrated with minimal modification. Thus the project is flexible and can be enhanced at anytime with more advanced features.

CHAPTER X

APPENDIX

CHAPTER 10

APPENDIX

10.1. SOURCE CODE

```
<?php  
session_start();  
?  
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"  
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">  
<html xmlns="http://www.w3.org/1999/xhtml">  
<head>  
<title>Contrast Sensitivity Test</title>  
<meta http-equiv="Content-Type" content="text/html; charset=utf-8" />  
<link href="css/style.css" rel="stylesheet" type="text/css" />  
<link rel="stylesheet" type="text/css" href="css/coin-slider.css" />  
<script type="text/javascript" src="js/cufon-yui.js"></script>  
<script type="text/javascript" src="js/cufon-titillium-600.js"></script>  
<script type="text/javascript" src="js/jquery-1.4.2.min.js"></script>  
<script type="text/javascript" src="js/script.js"></script>  
<script type="text/javascript" src="js/coin-slider.min.js"></script>  
</head>  
<body>  
<div class="main">  
<div class="header">  
<div class="header_resize">  
<div class="logo">  
<h1><a href="home.php">Eye Defect Detection <small>Better Vision =  
Better Quality of Life</small></a></h1>
```

```

</div>

<div class="searchform">
    <form id="formsearch" name="formsearch" method="post"
action="logout.php">

        <span>
            <!--input name="editbox_search" class="editbox_search"
id="editbox_search" maxlength="80" value="Search our site" type="text" /-->
        </span>

        <a href="logout.php"> <input name="button_search"
src="images/logout1.jpg" class="button_search" type="image" /></a>
    </form>    </div>

<div class="clr"></div>

<div class="slider">
    <div id="coin-slider"> <a href="#"> </a> <a href="#"> </a> <a
href="#">
</a> </div>
    <div class="clr"></div>
</div>
<div class="clr"></div>

<div class="menu_nav">
    <ul>
        <li class="active"><a href="about.php"><span>Home
Page</span></a></li>
        <li><a href="home.php"><span>About</span></a></li>
        <li><a href="testing.php"><span>Testing</span></a></li>

        <li><a href="contact.php"><span>Contact Us</span></a></li>
    <ul>

```

```

</div>
<div class="clr"></div>
</div>
</div>
<div class="content">
<div class="content_resize">
<div class="mainbar">
<div class="article">
<h2 title="A contrast sensitivity test measures your ability to distinguish between finer and finer increments of light versus dark (contrast).">Contrast Sensitivity Test</h2>
<div class="clr"></div>
<p><strong>Facile Eye Defect Detection is an effortless site to check your eyes and get your eye problems go away.</strong></p>
<p>Enter the level number until which you could see clearly? Enter only the level number and hit submit. </p>
</div>
<center></center>
<center><form method="post">
<input type='text' id='txtBox'/><br />
<input type='button' onclick="Empty(document.getElementById('txtBox'), 'Good!! No risk in contrast sensitivity')" value='Submit' />
</form></center>
<script type='text/javascript'>
function Empty(element, AlertMessage) {

```

```

if(element.value.trim() >= "5") {  

    alert(AlertMessage);  

    element.focus();  

    return false;  

} else{  

    alert(" You have high risk in sensing contrast colors ");  

    }return true;  

}  

</script><p align="right"><a href="testing.php">Back to Testing  

Page</a></p>  

</div>  

<div class="sidebar">  

    <div class="gadget">  

        <h2 class="star"><span>Main</span> Menu</h2>  

        <div class="clr"></div>  

<ul>  

    <li><strong>Welcome <?php echo $_SESSION['username']; ?></strong></li>  

</ul>  

<ul class="sb_menu">  

    <li><a href="about.php">Home</a></li>  

    <li><a href="home.php">About</a></li>  

    <li><a href="testing.php">Testing</a></li>  

    <li><a href="forum.php">Forum</a></li>

```

```
<li><a href="contact.php">Contact us</a></li>
</ul>
</div>
<div class="gadget">
<h2 class="star"><span>-</span></h2>
<div class="clr"></div>
</div>
</div>
<div class="clr"></div>
</div>
</div>
<div class="fbg">
<div class="fbg_resize">
<div class="col c2">
<h2><span>Services</span> Overview</h2>
<p>Facile Eye Defect Detection is a website wholly developed with  
socially responsibility.</p>
<ul class="fbg_ul">
<li># Eye Test with Results</li>
<li># Forum</li>
<li># Prediction and Report</li>
</ul>
</div>
<div class="col c3">
<h2><span>Contact</span> Us</h2>
<p>Student from 4thss</p>
<p class="contact_info"> <span>Address:</span>NO:11 Shajakhan  
avenue, Saravanampatti, CBE, India.<br />
```

```

<span>Telephone:</span> --<br />
<span>E-mail:</span> <a href="#">eye solution@gmail.com</a> </p>
</div>
<div class="clr"></div>
</div>
</div>
<div class="footer">
<div class="footer_resize">
<p class="lf">&copy; Copyright <a href="#">eye solution</a>.</p>
<p class="rf">Design by dhana mani</p>
<div style="clear:both;"></div>
</div>
</div>
</div>
</body>
</html>

```

```

<?php
session_start();
?>

```

```

<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
<html xmlns="http://www.w3.org/1999/xhtml">
<head>
<title>Testing</title>
<meta http-equiv="Content-Type" content="text/html; charset=utf-8" />
<link href="css/style.css" rel="stylesheet" type="text/css" />

```

```

<link rel="stylesheet" type="text/css" href="css/coin-slider.css" />
<script type="text/javascript" src="js/cufon-yui.js"></script>
<script type="text/javascript" src="js/cufon-titillium-600.js"></script>
<script type="text/javascript" src="js/jquery-1.4.2.min.js"></script>
<script type="text/javascript" src="js/script.js"></script>
<script type="text/javascript" src="js/coin-slider.min.js"></script>
</head>
<body>
<div class="main">
<div class="header">
<div class="header_resize">
<div class="logo">
<h1><a href="home.php">Facile Eye Defect Detection <small>Better Vision = Better Quality Of Life </small></a></h1>
</div>
<div class="searchform">
<form id="formsearch" name="formsearch" method="post" action="logout.php">
<span>
<!--input name="editbox_search" class="editbox_search" id="editbox_search" maxlength="80" value="Search our site" type="text" /-->
</span>
<a href="logout.php"> <input name="button_search" src="images/logout1.jpg" class="button_search" type="image" /></a>
</form> </div>
<div class="clr"></div>
<div class="slider">
<div id="coin-slider">

```

```

<a href="#"> </a> <a href="#"> </a> <a href="#"> </a> </div>

<div class="clr"></div>

</div>

<div class="clr"></div>

<div class="menu_nav">

<ul>

<li><a href="about.php"><span>Home Page</span></a></li>
<li><a href="home.php"><span>About</span></a></li>
<li class="active"><a href="testing.php"><span>Testing</span></a></li>

<li><a href="contact.php"><span>Contact Us</span></a></li>
</ul>

</div>

<div class="clr"></div>

</div>

</div>

<div class="content">

<div class="content_resize">

<div class="mainbar">

<div class="article">

<h2><span> Eye Defect Detection</span></h2>
<div class="clr"></div>

<p><strong>The Following are the various tests</strong></p>
<p>Please Select the Test you want to take</p>
<ul class="sb_menu">

```

<h3>

Overall Tests</h3>

Visual Acuity Test

Color Variation Test

Contrast Sensitivity Test

<!--

-li>Astigmatism Test</li-->

Amsler's Grid Test

Myopia Test

</div>

</div>

<div class="sidebar">

<div class="gadget">

<h2 class="star">Sidebar Menu</h2>

<div class="clr"></div>

Welcome <?php echo \$_SESSION['username']; ?>

```

</ul>

<ul class="sb_menu">
    <li><a href="about.php">Home Page</a></li>
    <li><a href="home.php">About</a></li>
    <li><a href="testing.php">Testing</a></li>
    <li><a href="forum.php">Forum</a></li>
    <li><a href="contact.php">Contact Us</a></li>
</ul>
</div>

<div class="gadget">
    <div class="clr"></div>
    </div>
    </div>
    <div class="clr"></div>
    </div>
    </div>
    </div>
    <div class="fbg">
        <div class="fbg_resize">
            <div class="col c2">
                <h2><span>Services</span> Overview</h2>
                <p>Facile Eye Defect Detection is a website wholly developed with  
socially responsibility.</p>
                <ul class="fbg_ul">
                    <li># Eye Test with Results</li>
                    <li># Forum</li>
                    <li># Prediction and Report</li>
                </ul>
            </div>
        </div>
    </div>

```

```

<div class="col c3">
    <h2><span>Contact</span> Us</h2>
    <p>Student from 4thss</p>
    <p class="contact_info"> <span>Address:</span> NO:11 Shajakhan
    avenue, Saravanampatti, CBE, India.<br />
        <span>Telephone:</span> --<br />
        <span>E-mail:</span> <a href="#">eye solution@gmail.com</a> </p>
    </div>
    <div class="clr"></div>
    </div>
</div>
<div class="footer">
    <div class="footer_resize">
        <p class="lf">&copy; Copyright <a href="#">eye solution</a>.</p>
        <p class="rf">Design by dhana mani</p>
        <div style="clear:both;"></div>
    </div>
    </div>
</div>
</body>
</html>
<?php //}
//else
//{
//$msg="No session has been created!";
//echo '<h2>'.$msg.'</h2>';
//}

```

10.2 SCREENSHOTS



ONLINE EYE CARE SYSTEM

Test Your Vision

Take the 10-second test that will give you an indication of whether you suffer from eyesight problems that may require corrective glasses or lenses. This test will NOT give you the prescription you may need to get your vision corrected.

Know your Eye Screening score. Take a quick test.

[Start Eye Screening →](#)



ONLINE EYE CARE SYSTEM

Duochrome Test

The test should be done in a dark room.

COVER YOUR RIGHT EYE

Is the letter E sharper in Red or Green or Both are Same ?



[Green](#) [Red](#) [The Same](#)



ONLINE EYE CARE SYSTEM

YOUR RESULT



You seem to have normal eyesight.

Keep taking care of your eyes.

[Explore Sunglasses](#)

[Continue Eye Screening](#)



ONLINE EYE CARE SYSTEM

YOUR RESULT



You probably have Uncorrected Refractive Error.

[Take Full Eyescreening Test](#)

[Buy Frames](#)



ONLINE EYE CARE SYSTEM

Visual Acuity Test

Select direction button according to the direction of the letter E (direction of the 3 arms of letter E like whether it is facing to the left, right, up or down) at each letter size.

COVER YOUR LEFT EYE

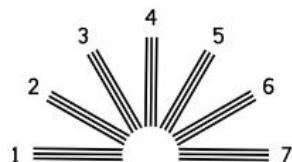




Astigmatism Test

Do you see any one of the lines darker and sharper? Answer in Yes/No.

COVER YOUR LEFT EYE



Yes

No



Result

Your eyes require vision correction.

Right Eye Vision

Duochrome Test	Normal
Visual Acuity Test	BAD (Requires Vision Correction)
Astigmatism Test	Requires Vision Correction
Near Vision Test	N6 (Normal Vision)

Left Eye Vision

Duochrome Test	Normal
Visual Acuity Test	BAD (Requires Vision Correction)
Astigmatism Test	Requires Vision Correction
Near Vision Test	N6 (Normal Vision)

CHAPTER XI
BIBLIOGRAPHY

CHAPTER 11

BIBLIOGRAPHY

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